Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Currently Amended) A pharmaceutical composition consisting essentially of FSH and hCG in at least one pharmaceutically acceptable carrier, wherein the [[ratio]] amount of FSH [[to]] and hCG in said composition is conducive, upon administration of said composition, to folliculogenesis and follicular maturation without ovarian hyperstimulation.
- 2. (Original) The composition of claim 1 free from any other proteins of mammal origin.
- (Currently Amended) The composition of claim 1 wherein the [[ratio]] amount of 3. FSH [[to]] and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 1 IU hCG, 50 IU FSH[[:]] and 5 IU hCG, 50 IU FSH[[:]] and 10 IU hCG, 50 IU FSH[[:]] and 25 IU hCG, 50 IU FSH[[:]] and 75 IU hCG, 50 IU FSH[[:]] and 100 IU hCG, 50 IU FSH[[:]] and 200 IU hCG, 50 IU FSH[[:]] and 300 IU hCG, 50 IU FSH[[:]] and 400 IU hCG, 75 IU FSH[[:]] and 1 IU hCG, 75 IU FSH[[:]] and 5 IU hCG, 75 IU FSH[[:]] and 10 IU hCG, 75 IU FSH[[:]] and 25 IU hCG, 75 IU FSH[[:]] and 50 IU hCG, 75 IU FSH[[:]] and 75 IU hCG, 75 IU FSH[[:]] and 100 IU hCG, 75 IU FSH[[:]] and 200 IU hCG, 75 IU FSH[[:]] and 300 IU hCG, 75 IU FSH[[:]] and 400 IU hCG, 100 IU FSH[[:]] and 1 IU hCG, 100 IU FSH[[:]] and 5 IU hCG, 100 IU FSH[[:]] and 10 IU hCG, 100 IU FSH[[:]] and 25 IU hCG, 100 IU FSH[[:]] and 50 IU hCG, 100 IU FSH[[:]] and 75 IU hCG, 100 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 200 IU hCG, 100 IU FSH[[:]] and 300 IU hCG, 100 IU FSH[[:]] and 400 IU hCG, 150 IU FSH[[:]] and 1 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 150 IU FSH[[:]] and 10 IU hCG, 150 IU FSH[[:]] and 25 IU hCG[[:]], 150 IU FSH[[:]] and 100 IU hCG, 150 IU FSH[[:]] and 200 IU hCG, 150 IU FSH[[:]] and 300 IU hCG, 150 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 1 IU hCG, 200 IU FSH[[:]] and 5 IU hCG 200 IU FSH[[:]] and 10 IU hCG, 200 IU FSH[[:]] and 25 IU hCG, 200 IU FSH[[:]] and 50 IU hCG, 200 IU FSH[[:]] and 75 IU hCG, 200 IU FSH[[:]] and 100 IU hCG, 200 IU FSH[[:]] and 200 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU FSH[[:]] and 400 IU hCG.

- 4. (Currently Amended) The composition of claim 3 wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 1 IU hCG, 50 IU FSH[[:]] and 5 IU hCG, 50 IU FSH[[:]] and 10 IU hCG, 50 IU FSH[[:]] and 25 IU hCG, 50 IU FSH[[:]] and 75 IU hCG, 50 IU FSH[[:]] and 100 IU hCG, 50 IU FSH[[:]] and 200 IU hCG, 50 IU FSH[[:]] and 300 IU hCG, 50 IU FSH[[:]] and 400 IU hCG, 75 IU FSH[[:]] and 1 IU hCG, 75 IU FSH[[:]] and 5 IU hCG, 75 IU FSH[[:]] and 10 IU hCG, 75 IU FSH[[:]] and 50 IU hCG, 75 IU FSH[[:]] and 100 IU hCG, 75 IU FSH[[:]] and 200 IU hCG, 76 IU FSH[[:]] and 300 IU hCG, 75 IU FSH[[:]] and 400 IU hCG, 100 IU FSH[[:]] and 1 IU hCG, 100 IU FSH[[:]] and 5 IU hCG, 100 IU FSH[[:]] and 10 IU hCG, 100 IU FSH[[:]] and 25 IU hCG, 100 IU FSH[[:]] and 50 IU hCG, 100 IU FSH[[:]] and 75 IU hCG, 100 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 200 IU hCG, 100 IU FSH[[:]] and 300 IU hCG, 100 IU FSH[[:]] and 400 IU hCG, 150 IU FSH[[:]] and 1 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 150 IU FSH[[:]] and 10 IU hCG, 150 IU FSH[[:]] and 25 IU hCG, 150 IU FSH[[:]] and 100 IU hCG, 150 IU FSH[[:]] and 200 IU hCG, 150 IU FSH[[:]] and 300 IU hCG, 150 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 1 IU hCG, 200 IU FSH[[:]] and 5 IU hCG, 200 IU FSH[[:]] and 10 IU hCG, 200 IU FSH[[:]] and 25 IU hCG, 200 IU FSH[[:]] and 50 IU hCG, 200 IU FSH[[:]] and 75 IU hCG, 200 IU FSH[[:]] and 100 IU hCG, 200 IU FSH[[:]] and 200 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU FSH[[:]] and 400 IU hCG.
- 5. (Currently Amended) The pharmaceutical composition of claim 3 wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 1 IU hCG, 50 IU FSH[[:]] and 5 IU hCG, 50 IU FSH[[:]] and 10 IU hCG, 50 IU FSH[[:]] and 25 IU hCG, 75 IU FSH[[:]] and 1 IU hCG, 75 IU FSH[[:]] and 5 IU hCG, 75 IU FSH[[:]] and 5 IU hCG, 75 IU FSH[[:]] and 10 IU hCG, 75 IU FSH[[:]] and 50 IU hCG, 75 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 1 IU hCG, 100 IU FSH[[:]] and 5 IU hCG, 100 IU FSH[[:]] and 10 IU hCG, 100 IU FSH[[:]] and 25 IU hCG, 100 IU FSH[[:]] and 50 IU hCG, 100 IU FSH[[:]] and 10 IU hCG, 150 IU FSH[[:]] and 25 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 150 IU FSH[[:]] and 25 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 200 IU FSH[[:]] and 25 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 200 IU FSH[[:]] and 10 IU hCG, 200 IU FSH[[:]] and 1 IU hCG, 200 IU FSH[[:]] and 2 IU hCG, 200 IU FSH[[:]] and 3 IU

FSH[[:]] <u>and</u> 25 IU hCG, 200 IU FSH[[:]] <u>and</u> 50 IU hCG, 200 IU FSH[[:]] <u>and</u> 75 IU hCG, 200 IU FSH[[:]] <u>and</u> 100 IU hCG, <u>and</u> 200 IU FSH[[:]] <u>and</u> 200 IU hCG.

- 6. (Currently Amended) The pharmaceutical composition of claim 3 wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 75 IU hCG, 50 IU FSH[[:]] and 100 IU hCG, 50 IU FSH[[:]] and 200 IU hCG, 50 IU FSH[[:]] and 300 IU hCG, 50 IU FSH[[:]] and 400 IU hCG, 75 IU FSH[[:]] and 200 IU hCG, 75 IU FSH[[:]] and 300 IU hCG, 75 IU FSH[[:]] and 400 IU hCG, 100 IU FSH[[:]] and 200 IU hCG, 100 IU FSH[[:]] and 400 IU hCG, 150 IU FSH[[:]] and 300 IU hCG, 150 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU FSH[[:]] and 400 IU hCG.
- 7. (Currently Amended) The pharmaceutical composition of claim 3 wherein the **[[ratio]]** amount of FSH **[[to]]** and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 100 IU hCG[[:]]. 50 IU FSH[[:]] and 200 IU hCG, and 50 IU FSH[[:]] and 400 IU hCG.
- 8. (Currently Amended) The pharmaceutical composition of claim 7, wherein the [[ratio]] amount of FHS [[to]] and hCG is 50 IU FSH[[:]] and 100 IU hCG.
- 9. (Currently Amended) The pharmaceutical composition of claim 3 wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 100 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 200 IU hCG, and 100 IU FSH[[:]] and 400 IU hCG.
- 10. (Currently Amended) The pharmaceutical composition of claim 3 wherein the **[[ratio]]** amount of FSH **[[to]]** and hCG is selected from the group consisting of: 100 IU FSH**[[:]]** and 5 IU hCG, 100 IU FSH**[[:]]** and 10 IU hCG, and 100 IU FSH**[[:]]** and 25 IU hCG.
- 11. (Original) The pharmaceutical composition according to claim 1, wherein said FSH is human-derived FSH.
- 12. (Original) The pharmaceutical composition according to claim 1, in lyophilized form.

- 13. (Original) The pharmaceutical composition according to claim 1, in unit dosage form.
- 14. (Original) The pharmaceutical composition according to claim 13, in solid dosage form.
- 15. (Original) The pharmaceutical composition according to claim 14, wherein the solid dosage form is selected from the group consisting of capsules, tablets, suppositories, pills, powders, and granules.
- 16. (Original) The pharmaceutical composition according to claim 1 in liquid form.
- 17. (Original) The pharmaceutical composition according to claim 16 wherein the liquid form is supplied in a vial.
- 18. (Original) The pharmaceutical composition according to claim 16 wherein the liquid form is supplied in a pre-filled syringe or cartridge.
- 19. (Original) An assemblage comprising a first vial and a second vial, each of said vials containing a pharmaceutical composition according to claim 1, wherein the ratio of FSH to hCG differs between the first vial and the second vial.
- 20. (Original) The assemblage according to claim 19 further comprising written instructions on the timing for administering the compositions contained in the first and second vials.
- 21. (Withdrawn-Currently Amended) A method of inducing ovulation, comprising:
- (A) administering at least one pharmaceutical composition characterized by a ratio an amount of FSH [[to]] and hCG that is selected from the group consisting of: 50 IU FSH[[:]] and 1 IU hCG, 50 IU FSH[[:]] and 5 IU hCG, 50 IU FSH[[:]] and 10 IU hCG, 50 IU FSH[[:]] and 100 IU hCG, 50 IU FSH[[:]] and 25 IU hCG, 50 IU FSH[[:]] and 300 IU hCG, 50 IU FSH[[:]] and 400 IU hCG, 75 IU FSH[[:]] and 1 IU hCG, 75 IU FSH[[:]] and 5 IU hCG, 75 IU FSH[[:]] and 10 IU hCG, 75 IU FSH[[:]] and 25 IU hCG, 75 IU FSH[[:]] and 300 IU hCG, 75 IU

and 75 IU hCG, 75 IU FSH[[:]] and 100 IU hCG, 75 IU FSH[[:]] and 200 IU hCG, 75 IU FSH[[:]] and 300 IU hCG, 75 IU FSH[[:]] and 400 IU hCG, 100 IU FSH[[:]] and 1 IU hCG, 100 IU FSH[[:]] and 5 IU hCG, 100 IU FSH[[:]] and 10 IU hCG, 100 IU FSH[[:]] and 25 IU hCG, 100 IU FSH[[:]] and 50 IU hCG, 100 IU FSH[[:]] and 75 IU hCG, 100 IU FSH[[:]] and 300 IU hCG, 100 IU FSH[[:]] and 400 IU hCG, 150 IU FSH[[:]] and 1 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 150 IU FSH[[:]] and 10 IU hCG, 150 IU FSH[[:]] and 25 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 150 IU FSH[[:]] and 10 IU hCG, 150 IU FSH[[:]] and 25 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 150 IU FSH[[:]] and 200 IU hCG, 150 IU FSH[[:]] and 300 IU hCG, 150 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 1 IU hCG, 200 IU FSH[[:]] and 5 IU hCG, 200 IU FSH[[:]] and 10 IU hCG, 200 IU FSH[[:]] and 25 IU hCG, 200 IU FSH[[:]] and 50 IU hCG, 200 IU FSH[[:]] and 75 IU hCG, 200 IU FSH[[:]] and 100 IU hCG, 200 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU hCG, 200 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU hCG, 200 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU hCG, 200 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU

- (B) monitoring serum hormone levels, follicle size and follicle number[[,]]; and then
- (C) inducing ovulation by administration of an hCG bolus.
- 22. (Withdrawn-Currently Amended) The method of claim 21, wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 1 IU hCG, 50 IU FSH[[:]] and 5 IU hCG, 50 IU FSH[[:]] and 10 IU hCG, 50 IU FSH[[:]] and 25 IU hCG, 50 IU FSH[[:]] and 75 IU hCG, 50 IU FSH[[:]] and 100 IU hCG, 50 IU FSH[[:]] and 200 IU hCG, 50 IU FSH[[:]] and 300 IU hCG, 50 IU FSH[[:]] and 400 IU hCG, 75 IU FSH[[:]] and 1 IU hCG, 75 IU FSH[[:]] and 5 IU hCG, 75 IU FSH[[:]] and 10 IU hCG, 75 IU FSH[[:]] and 50 IU hCG, 75 IU FSH[[:]] and 100 IU hCG, 75 IU FSH[[:]] and 200 IU hCG, 75 IU FSH[[:]] and 300 IU hCG, 75 IU FSH[[:]] and 400 IU hCG, 100 IU FSH[[:]] and 1 IU hCG, 100 IU FSH[[:]] and 5 IU hCG, 100 IU FSH[[:]] and 10 IU hCG, 100 IU FSH[[:]] and 75 IU hCG, 100 IU FSH[[:]] and 25 IU hCG, 100 IU FSH[[:]] and 50 IU hCG, 100 IU FSH[[:]] and 75 IU hCG, 100 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 200 IU hCG, 100 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 200 IU hCG, 100 IU FSH[[:]] and 100 IU hCG, 150 IU FSH[[:]] and 100 IU hCG, 150 IU FSH[[:]] and 100 IU hCG, 150 IU FSH[[:]] and 200 IU hCG, 150 IU FSH[[:]] and 25 IU hCG, 150 IU FSH[[:]] and 200 IU hCG, 150 IU

FSH[[:]] and 300 IU hCG, 150 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 1 IU hCG, 200 IU FSH[[:]] and 5 IU hCG, 200 IU FSH[[:]] and 10 IU hCG, 200 IU FSH[[:]] and 25 IU hCG, 200 IU FSH[[:]] and 50 IU hCG, 200 IU FSH[[:]] and 75 IU hCG, 200 IU FSH[[:]] and 100 IU hCG, 200 IU FSH[[:]] and 200 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU FSH[[:]] and 400 IU hCG.

- 23. (Withdrawn-Currently Amended) The method of claim 21, wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 1 IU hCG, 50 IU FSH[[:]] and 5 IU hCG, 50 IU FSH[[:]] and 10 IU hCG, 50 IU FSH[[:]] and 25 IU hCG, 76 IU FSH[[:]] and 1 IU hCG, 75 IU FSH[[:]] and 5 IU hCG, 75 IU FSH[[:]] and 100 IU hCG, 75 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 50 IU hCG, 100 IU FSH[[:]] and 10 IU hCG, 100 IU FSH[[:]] and 25 IU hCG, 100 IU FSH[[:]] and 50 IU hCG, 100 IU FSH[[:]] and 75 IU hCG, 100 IU FSH[[:]] and 100 IU hCG, 150 IU FSH[[:]] and 1 IU hCG, 150 IU FSH[[:]] and 5 IU hCG, 150 IU FSH[[:]] and 100 IU hCG, 150 IU FSH[[:]] and 100 IU hCG, 200 IU FSH[[:]] and 75 IU hCG, 200 IU FSH[[:]] and 5 IU hCG, 200 IU FSH[[:]] and 100 IU hCG, 200 IU FSH[[:]] and 100 IU hCG, 200 IU FSH[[:]] and 75 IU hCG, 200 IU FSH[[:]] and 75 IU hCG, 200 IU FSH[[:]] and 75 IU hCG, 200 IU FSH[[:]] and 25 IU hCG, 200 IU FSH[[:]]
- 24. (Withdrawn-Currently Amended) The method of claim 21, wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 75 IU hCG, 50 IU FSH[[:]] and 100 IU hCG, 50 IU FSH[[:]] and 200 IU hCG, 50 IU FSH[[:]] and 300 IU hCG, 50 IU FSH[[:]] and 400 IU hCG, 75 IU FSH[[:]] and 200 IU hCG, 75 IU FSH[[:]] and 300 IU hCG, 75 IU FSH[[:]] and 400 IU hCG, 100 IU FSH[[:]] and 200 IU hCG, 100 IU FSH[[:]] and 400 IU hCG, 150 IU FSH[[:]] and 300 IU hCG, 150 IU FSH[[:]] and 400 IU hCG, 200 IU FSH[[:]] and 300 IU hCG, and 200 IU FSH[[:]] and 400 IU hCG.
- 25. (Withdrawn-Currently Amended) The method of claim 21, wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 50 IU FSH[[:]] and 100 IU hCG, 50 IU FSH[[:]] and 200 IU hCG, and 50 IU FSH[[:]] and 400 IU hCG.

- 26. (Withdrawn-Currently Amended) The method of 21, wherein the [[ratio]] amount of FSH [[to]] and hCG is 50 IU FSH[[:]] and 100 IU hCG.
- 27. (Withdrawn-Currently Amended) The method of claim 21, wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 100 IU FSH[[:]] and 100 IU hCG, 100 IU FSH[[:]] and 200 IU hCG, and 100 IU FSH[[:]] and 400 IU hCG.
- 28. (Withdrawn-Currently Amended) The method of claim 21, wherein the [[ratio]] amount of FSH [[to]] and hCG is selected from the group consisting of: 100 IU FSH[[:]] and 5 IU hCG, 100 IU FSH[[:]] and 10 IU hCG, and 100 IU FSH[[:]] and 25 IU hCG.
- 29. (Withdrawn-Currently Amended) The method of claim 21 wherein step (A) comprises administering in series at least two <u>of said</u> pharmaceutical compositions, <u>eharacterized by a ratio wherein the amount of FSH [[to]] and hCG in said compositions</u> <u>selected from said group, that</u> is either the same or <u>different differs with respect to said ratio</u>.
- 30. (Withdrawn-Currently Amended) The method of claim [[21]] 29, wherein each succeeding composition in said series contains hCG that is increased over the preceding composition in said series.
- 31. (Withdrawn-Currently Amended) The method of claim 29, wherein the period of time between the administrations compositions of the series is selected from the group consisting of: from 1 hour, 5 hours, 10 hours, 12, hours, 24 hours, i day 2, days. 3, days, 4, days 1 day, 2 days, 3 days, 4 days, 5 days, 6, days, 7, days, 8 days, 9 days, 10 days, 11, days, 11 days, 12, days, 13, days, 14 days, and 16 days.
- 32. (Withdrawn-Currently Amended) The method of claim 21, <u>further comprising</u> <u>administration of wherein the composition further comprises</u> pure FSH.
- 33. (Withdrawn-Currently Amended) The method of claim 21, <u>further comprising</u> administration of wherein the composition further comprises pure hCG.

- 34. (Currently Amended) A product comprising a first pharmaceutical composition comprising FSH and a second pharmaceutical composition comprising hCG, wherein the first and the second pharmaceutical compositions are administered together or separately during a controlled ovulatory stimulation protocol.
- 35. (Currently Amended) The product of claim [[34]] 36, wherein said instructions direct the sequential administration of said compositions the separate administration is sequential.
- 36. (Original) The product of claim 34, further comprising instructions for using the first and second pharmaceutical compositions.
- 37. (Original) The product of claim 34, further comprising a means for administering the first and second pharmaceutical compositions.
- 38. (Currently Amended) A [[use]]method of treating infertility comprising administering a pharmaceutical composition comprising of a hCG to prepare a pharmaceutical composition for use with and a pharmaceutical composition comprising FSH for infertility treatment.
- 39. (Cancelled)
- 40. (Currently Amended) The [[use]] <u>method</u> according to claim 38 [[or 39]] for stimulating folliculogenesis or ovulation.
- 41. (Currently Amended) The [[use]] method according to claim 40, wherein the ratio comprising administering an amount of FSH [[to]] and hCG that is conducive to folliculogenesis and follicular maturation without ovarian hyperstimulation.
- 42. (New) A product according to claim 34 wherein the amount of hCG in the second pharmaceutical composition is selected from 1, 2, 3, 4 or 8 μ g hCG.

- 43. (New) A product according to claim 34 wherein the amount of hCG in the second pharmaceutical composition is selected from 25, 50, 75, 100 or 200 IU hCG.
- 44. (New) A product according to claim 34 wherein the amount of hCG in the second pharmaceutical composition is between 0.04 and 16 μ g.
- 45. (New) A product according to claim 34 wherein the amount of FSH in the first pharmaceutical composition is from about 1.0 μ g to about 2,000 mg/ml.
- 46. (New) A product according to claim 34 wherein the amount of hCG in the second pharmaceutical composition is about 0.1 μ g to about 2,000 mg/ml.
- 47. (New) A product according to claim 34 wherein the amount of FSH in the first pharmaceutical composition is from about 1.0 μ g to about 2,000 mg/ml and the amount of hCG in the second pharmaceutical composition is about 0.1 μ g to about 2,000 mg/ml.